CELESTRON
Microscopes | 2014

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Just as Celestron's industry-leading telescopes reveal distant galaxies hidden in the night sky, our innovative microscopes give a new perspective on unseen worlds. Celestron makes using a microscope easier than ever with advanced technologies like CMOS sensors, LCD touchscreens and Wi-Fi connectivity. You'll find our digital and biological microscopes in universities, research institutions, forensic labs, and even on the sets of popular TV shows like *Dexter*. But with surprisingly affordable price points, you can use these sophisticated scientific instruments to explore your own backyard, classroom or lab.

Micro Fi #44313

New for 2014, Micro Fi is a Wi-Fi enabled handheld digital microscope that works with your smart devices to stream live video and record movies and still images. Download the free Micro Fi app from the Apple App Store or Google Play and view the microscopic world right on your smartphone or tablet! You can control Micro Fi with only one hand thanks to its ergonomic design. Taking an image is as simple as tapping the touchscreen of your smart device or pressing Micro Fi's trigger. Micro Fi makes it easy to collaborate and learn, since up to 3 devices can connect to one microscope feed. Capture images and videos and store them directly on your device for easy sharing via email, MMS, or social media. For a completely wireless experience, Micro Fi runs on 3 AA batteries for up to 2 hours of continuous use.

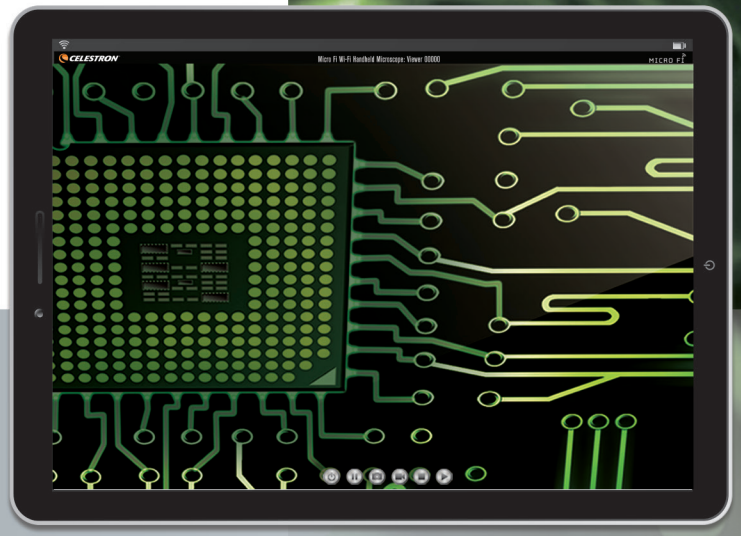
+ Ergonomic handheld digital microscope with up to 80x magnification
+ Internal Wi-Fi module for connecting to smartphone or tablet
+ Free app for both Apple and Android devices
+ Wi-Fi signal range up to 30 feet
+ Adjustable 6 LED ring illumination
+ Powered by 3 AA batteries (not included)
+ 1/4-20 threaded insert for mounting to tripod or stand

Wi Fi™

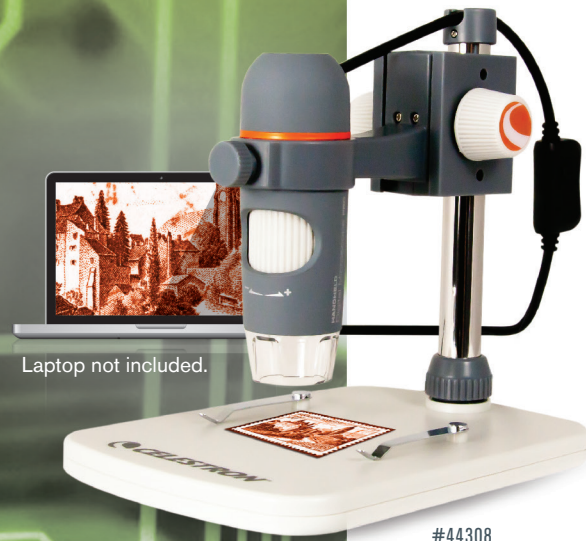
Micro Fi App

Compatible with iPhone, iPad, and Android

#44313



Tablet not included.



Laptop not included.

#44308

#44302-A

#44301

Handheld Digital Microscopes

Capture images of your microscopic specimens with one of our easy-to-use handheld digital microscopes featuring up to 5 megapixels of resolution. You can even record videos and create time-lapse movies. The Handheld Digital Microscope Pro and Handheld Deluxe Digital Microscope both include adjustable stands to help you get the perfect angle on stamps, coins, circuit boards, and more. Or, use any of these microscopes in handheld mode to view specimens in the field. All three models connect to your Mac or PC via USB 2.0 and save images directly to your computer's hard drive. The included software also has measurement and note-taking features.

USB

HANDHELD DIGITAL MICROSCOPE PRO #44308

+ Built-in 5 MP CMOS sensor
+ Professional adjustable stand for stable images
+ 20x-200x magnification
+ Adjustable 8 LED ring illumination
+ USB 2.0 connection
+ Micro Capture Pro software for Mac (10.6 or later) and PC (Windows XP or later)
+ Microscope: 4.33 in x 1.38 in diameter, Stand: 6.9 in x 5.5 in x 4.3 in

HANDHELD DELUXE DIGITAL MICROSCOPE #44302-A

+ Built-in 2 MP CMOS sensor
+ Metal stand holds microscope steady
+ 10x-150x magnification
+ 6 LED ring illumination
+ USB 2.0 connection
+ Digital Microscope Suite 2.0 software for PC (Windows XP or later)
+ 4.25 in x 1.25 in diameter

MINI HANDHELD DIGITAL MICROSCOPE #44301

+ Built-in 1.3 MP CMOS sensor
+ 15x-30x magnification
+ 6 LED ring illumination
+ USB 2.0 connection
+ Digital Microscope Suite 2.0 software for PC (Windows XP or later)
+ 3.25 in x 1.25 in diameter

InfiniView LCD Digital Microscope #44360

Display subjects in sharp detail with the flexible InfiniView LCD Digital Microscope. Its 3.5-inch color LCD screen and a rechargeable lithium-ion battery make it perfect for untethered viewing sessions in the field. Back in the lab, continue viewing on the LCD or display a live feed on your PC using the included USB cable and software. You can even connect to an external monitor or projector with the AV cable for viewing with a large group. Finally, save and share images with 5 MP of resolution, the most of any Celestron microscope. You can even measure your subjects with the included software. A 5-element IR-cut glass lens, magnification range from 4x to 160x, and true 4x digital zoom, make InfiniView an excellent tool for the student, hobbyist, or professional.

+ 3.5 inch color LCD screen
+ Built-in 5 MP CMOS sensor
+ 4x to 160x magnification with 4x digital zoom
+ Adjustable 8 LED ring illumination
+ Micro SD card slot supports cards up to 32 GB
+ Portable Capture Pro software for Mac (10.6 or later) and PC (Windows XP or later)

#44360

Portable LCD Digital Microscope #44310

You can make discoveries anywhere with this packable digital microscope! It's the perfect companion for nature walks, with a large 2.4-inch LCD screen to help you get close to insects, plants, and more. The Portable LCD Microscope is also the choice of forensic scientists, who use its built-in 3 MP digital camera to capture detailed images of evidence in the field. Save your photos on 128 MB of internal flash memory or add an optional SD card for up to 16 GB of storage.

+ 2.4 inch color LCD screen
+ Built-in 3 MP CMOS sensor
+ 1x-3.7x and 54x magnification
+ Adjustable 6 LED ring illumination
+ SD card slot (supports up to 16 GB)
+ Includes carrying pouch and USB cable for transferring images to PC

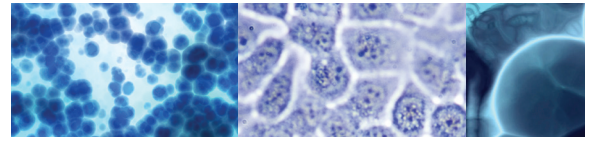
#44310

#44348

PentaView LCD Digital Microscope #44348

An excellent tool for educational and research institutions as well as the serious hobbyist, the PentaView LCD digital microscope offers professional features usually found only on more expensive microscopes. A 5MP CMOS sensor, 5 fully achromatic lens objectives, fine and coarse focus, mechanical stage and a 4.3" color LCD touchscreen combine to give you a quality viewing and image taking experience. The LCD screen rotates 180° for sharing your view with others. The microscope also includes a 4 GB SD card for storing thousands of high-resolution images for lab reports, papers, and more.

+ Built-in 5 MP CMOS sensor
+ 5 fully achromatic objectives: 4x, 10x, 20x, 40x, 60x
+ 4.3 inch color LCD touchscreen
+ 40x to 2400x magnification
+ Mechanical stage with metal clips
+ Fine and coarse focus
+ 4 GB SD card included
+ Top & bottom LED illumination
+ Accessories included: 10 prepared slides, carrying case, touch pen and AC adapter, AV out cable (for use with external monitor)



LCD Digital Microscope II #44341

The LCD Digital microscope II is a professional-level high power biological digital microscope at an incredibly affordable price. With 3 fully achromatic lens objectives, 3.5-inch color LCD screen, 5 MP CMOS sensor, and mechanical stage, you're sure to capture high-resolution images of your specimens. The microscope offers a magnification range from 40x to 1600x (with digital zoom), ideal for viewing cellular specimens on slides. The screen rotates 180° so you can easily share your discoveries with others. It even includes a 1 GB SD card, enough storage to capture over 600 high-resolution images for lab reports, papers, and more.

+ 3.5 inch TFT color LCD screen
+ Built-in 5 MP CMOS sensor acts as 10x eyepiece
+ Rotating objective lens turret with 4x, 10x, and 40x objectives
+ 4x digital zoom for up to 1600x total magnification
+ Fully mechanical stage with metal clips
+ Bonus 1 GB SD card included
+ Accessories included: 5 prepared slides, carry case with shoulder strap, AC adapter, and USB cable for transferring images to PC

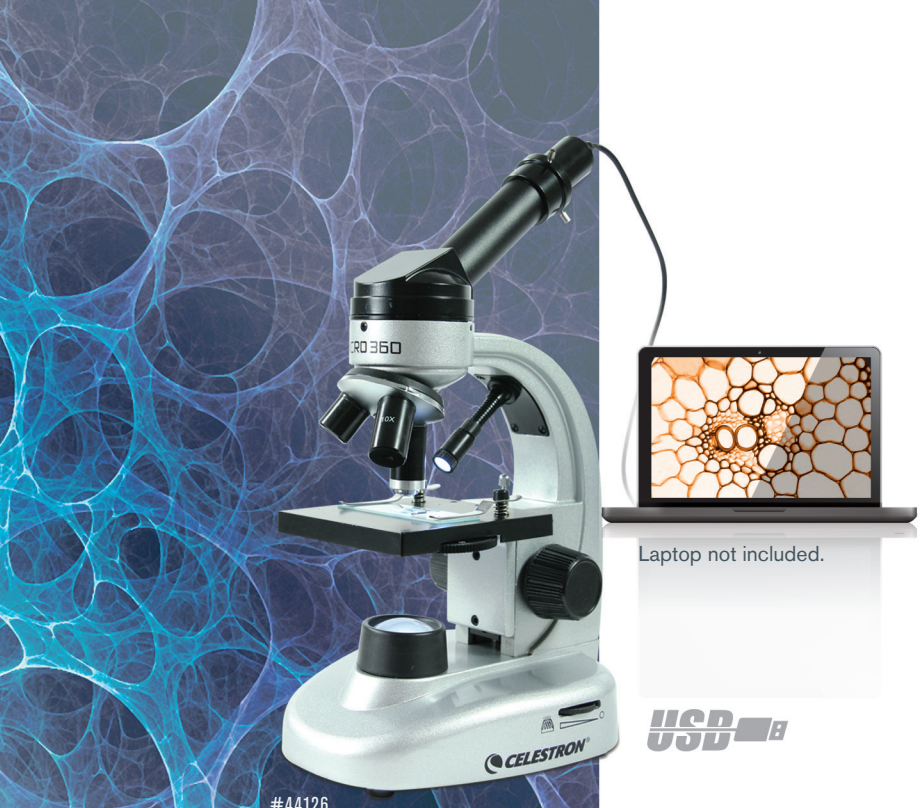
#44341

Amoeba Dual Purpose Digital Microscope #44325, 44326

Whether you're observing specimens on slides at high magnification, or getting a close look at low-power subjects like stamps and baseball cards, the dual-purpose Amoeba does it all. You can even detach Amoeba's tube for convenient handheld viewing of large objects. With its built-in 1.3 MP CMOS sensor, you can view your subject on your PC, then save images and movies directly to your computer's hard drive.

+ Built-in 1.3 MP CMOS sensor
+ 10x, 60x, and 200x magnification
+ Top and bottom LED illumination
+ Handheld microscope detaches from stage
+ USB 2.0 connection
+ Compatible with Windows XP or later
+ Accessories included: 8 prepared slides, 4 blank slides, tweezers, needle probe and eyedropper
+ Available in blue and grey

#44325



#44126

Laptop not included.

USB

#44320

Laptop not included.

USB

Micro360

Get a 360-degree view of your subject! With Micro360's fully rotatable eyepiece, you can view at any angle without moving the microscope. A great first microscope for students, Micro360 offers a magnification range from 40x to 640x. Illuminate your specimens on the full metal stage with upper LED illumination. Or, you can use the condenser to focus light from below. Switch between magnifications quickly with two all glass eyepieces and the three objective lenses. The Micro360+ model allows you to quickly and easily capture photos of specimens–just replace the eyepiece with the included 2 MP imager!

MICRO360+ #44126

+ 16x and 10x wide field eyepieces
+ Imager with 2 MP CMOS sensor included
+ 3 glass objectives: 4x, 10x, 40x
+ 40x to 640 magnification
+ Metal stage
+ Top and bottom LED illumination
+ Accessories included: 8 prepared slides, 4 blank slides, 4 cover slips, tweezers, needle probe, and eyedropper

MICRO360 #44125

+ 16x and 10x wide field eyepieces
+ 3 glass objectives: 4x, 10x, 40x
+ 40x to 640 magnification
+ Metal stage
+ Top and bottom LED illumination
+ Accessories included: 8 prepared slides, 4 blank slides, 4 cover slips, tweezers, needle probe, and eyedropper

Microscope Kits

Celestron's complete microscope kits will have your budding scientist observing real specimens in no time. Everything they'll need to explore the microscopic world, from tweezers to prepared slides, is included. Both kits feature all-glass optics and up to 600x magnification. Choose the Digital Microscope Kit and you'll receive an included imager, which makes saving photos for research and lab reports a snap.

DIGITAL MICROSCOPE KIT #44320

+ 10x-20x zoom eyepiece
+ .3 MP imaging sensor replaces eyepiece
+ 40x to 600x magnification
+ 3 glass objectives: 4x, 15x, 30x
+ Metal stage
+ Top and bottom LED illumination
+ Powered by 2 AA batteries (user supplied)
+ USB 2.0 connection to PC (Windows XP or later)
+ Accessories included: 3 prepared slides, 1 blank well slide, light diffuser, needle probe, eye dropper, tweezers, rocks, honeybee wing, and brine shrimp

MICROSCOPE KIT #44121

+ 10x-20x zoom eyepiece
+ 3 glass objectives: 4x, 15x, 30x
+ 40x to 600x magnification
+ Metal stage
+ Top and bottom LED illumination
+ Powered by 2 AA batteries (user supplied)
+ Accessories included: 3 prepared slides, 1 blank well slide, light diffuser, needle probe, eye dropper, tweezers, rocks, honeybee wing, and brine shrimp

Advanced Biological Compound Microscopes

Take an even closer look with our heavy-duty intermediate and advanced compound microscopes. Each offers top-end features like a mechanical stage, Abbe condenser, iris diaphragm, and coarse and fine focus knobs. And with Celestron's fully coated glass optics, the views through these microscopes will impress researchers and students alike. The Professional Biological Microscope 1500 leads the pack with maximum magnification, ample working space, and a binocular head.

ADVANCED BIOLOGICAL COMPOUND MICROSCOPE 500 #44104

+ 40x, 50x, 100x, 125x, 400x, and 500x magnification
+ 3 objectives: 4x, 10x, 40x
+ 10x and 12.5x eyepieces
+ Fully coated glass optics
+ Adjustable LED illumination
+ Mechanical stage
+ All metal body with adjustable monocular head
+ Abbe condenser, iris diaphragm, coarse and fine focus knobs
+ 5 prepared slides included

#44104

ADVANCED BIOLOGICAL COMPOUND MICROSCOPE 1000 #44106

+ 40x, 100x, 400x, and 1000x magnification
+ 4 objectives: 4x, 10x, 40x, 100x
+ 10x wide field eyepiece
+ Fully coated glass optics
+ Adjustable LED illumination
+ Mechanical stage
+ All metal body with 360-degree rotatable monocular head
+ Abbe condenser, iris diaphragm, coarse and fine focus knobs
+ 5 prepared slides included

#44106

PROFESSIONAL BIOLOGICAL COMPOUND MICROSCOPE 1500 #44108

+ 40x, 60x, 100x, 150x, 400x, 600x, 1000x, and 1500x magnification
+ 4 objectives: 4x, 10x, 40x, 100x
+ 10x and 15x wide field eyepieces
+ Fully coated glass optics
+ Adjustable halogen illumination
+ Mechanical stage
+ All metal body with 360-degree rotatable binocular head
+ Abbe condenser, iris diaphragm, coarse and fine focus knobs
+ 5 prepared slides included

Laboratory Biological Compound Microscope #44102

This lab-ready biological microscope offers advanced features such as a condenser and diaphragm. With a monocular head that adjusts from 0 to 60 degrees, you can customize the viewing angle for comfortable extended sessions behind the eyepiece.

+ 40x, 100x, and 400x magnification
+ 3 objectives: 4x, 10x, 40x
+ 10x eyepiece
+ Fully coated glass optics
+ All metal body with adjustable monocular head
+ Stage with metal clips
+ Condenser
+ 5 position disc diaphragm
+ Coarse and fine focus knobs

Stereo Microscopes

Experience three-dimensional viewing with Celestron's sophisticated low power stereo microscopes featuring fully coated glass optics. Both models are well suited for viewing details on 3D objects like coins, mineral, insects, and documents. You can adjust the rubber eyecups and binocular head for a custom fit. A sturdy, all metal construction provides you with years of enjoyment. Intended for the discriminating student, hobbyist or professional, these stereo microscopes are the perfect tools for entomology, component inspection, medical research, scientific analysis, and much more.

PROFESSIONAL STEREO ZOOM MICROSCOPE #44206

+ 10x to 67x magnification
+ 0.7x to 4.5x zoom objective lens
+ Two 15x extra wide field eyepieces
+ Fully coated glass optics
+ Halogen top illumination and fluorescent bottom illumination
+ Extra sturdy base, stand, and head
+ Two stage plates: black/white and frosted/opaque
+ 5 prepared slides included

#44206

ADVANCED STEREO MICROSCOPE #44202

+ 20x and 40x magnification
+ 2x and 4x glass objectives
+ Two 10x wide field eyepieces
+ Fully coated glass optics
+ Top and bottom halogen illumination
+ Two stage plates: black/white and frosted/opaque
+ 5 prepared slides included

#44202

Digital Microscope Imager

Replace your eyepiece with our Digital Microscope Imager and transform your traditional microscope into a powerful tool for capturing photos and videos of your specimens. This 2 MP compact imager connects to your PC via USB 2.0, capturing high-resolution snapshots and VGA videos. Best of all, the functions of your microscope remain unchanged.

DIGITAL MICROSCOPE IMAGER #44421

+ 2 MP CMOS sensor provides 10x magnification
+ USB 2.0 cable for connecting to PC
+ Included software compatible with Windows XP or later
+ Adapts to virtually any microscope
+ Fits 23 mm to 30 mm (inside diameter) eyepiece tubes

#44421

Microscope and Laptop not included.

Microscope Accessories

PREPARED MICROSCOPE SLIDE KITS

Our prepared slide kits will provide hours of enjoyment and discovery. Each prepared glass slide includes an insect, plant, or animal specimen, along with a descriptive label. Your slides are protected in a sturdy wooden box to keep them safe and organized.

100-PIECE PREPARED MICROSCOPE SLIDE KIT #44412
50-PIECE PREPARED MICROSCOPE SLIDE KIT #44411
25-PIECE PREPARED MICROSCOPE SLIDE KIT #44410

+ Slides measure 25 mm x 76 mm
+ Wooden carrying case and list of all specimens included

#44412

72 BLANK MICROSCOPE SLIDES #44416

+ Premium quality glass, ground and polished with smooth edges
+ Slides measure 25.4 mm x 76.2 mm x 1.2 mm

50 BLANK CONCAVE MICROSCOPE SLIDES #44417

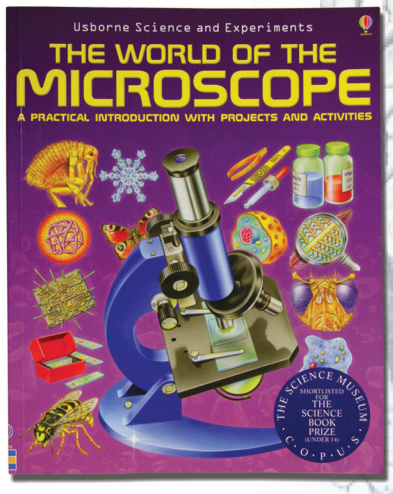
+ Single concave circle with 14 mm diameter
+ Premium quality glass, ground and polished with smooth edges
+ Slides measure 25.4 mm x 76.2 mm x 1.2 mm

100 MICROSCOPE COVER SLIPS #44418

+ Premium quality glass
+ Cover slips measure 18 mm x 18 mm x 0.15 mm

THE WORLD OF THE MICROSCOPE BOOK #44402

Meet an enormous variety of objects too small for the eye to see. This book includes step-by-step instructions for using your microscope, along with how to create specimen slides. You'll learn about the different types of microscopes, from the magnifying glass to the electron beam microscope. Then, explore the microscopic world for yourself with projects and experiments that reveal the incredible detail of everyday objects.


Usborne Science and Experiments
THE WORLD OF THE MICROSCOPE
A PRACTICAL INTRODUCTION WITH PROJECTS AND ACTIVITIES
THE SCIENCE MUSEUM
SHORTLISTED FOR THE SCIENCE BOOK PRIZE (UNDER 14)
C·O·P·U·S

#44402

Microscope not included.

#44409

3D Bug Specimen Kits

Bug out with this set of four real, 3D insect specimens perfectly preserved in resin. These specimens are ideal for observing and imaging with any Celestron digital microscope. Crystal clear resin lets you observe the insects from all angles. Use them for school projects, research, and more.

These specimens make the perfect gift for the young scientist in your life. They'll love learning about fascinating insects from around the world, and studying their anatomy up close. Celestron offers 3 sets of 3D bugs to choose from: collect them all!

3D BUG SPECIMEN KIT #1 #44407

+ Scorpion
+ Blackish Stag Beetle
+ Longhorn Beetle
+ Fire Bug

3D BUG SPECIMEN KIT #2 #44408

+ Hornet
+ Black Camellia Shield Bug
+ Emerald Rose Chafer
+ Home Spider

3D BUG SPECIMEN KIT #3 #44409

+ Jeweled Frog Beetle
+ Golden Cicada
+ Small Stag Beetle
+ Ant & Red Bean

#44407

#44408

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Products designed and intended for those 14 years of age and older.

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